



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
SALT LAKE DISTRICT OFFICE
2370 South 2300 West
Salt Lake City, Utah 84119

3500
(U-027)

RECEIVED
OCT 05 1990

OCT 02 1990 DIVISION OF
OIL, GAS & MINING

Diane Neilson, Geologist
Director, Utah Div. of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84106

Dear Diane,

The next meeting of the Bonneville Salt Flats Technical Review Committee has been scheduled for October 10, 1990, at 9 a.m. in the Salt Lake District office. Work on the study has been continuing. The USGS has installed approximately 40 monitoring wells and arrangements have been made to begin survey work using GPS. We are currently trying to acquire RAAS weather stations for installation on the Salt Flats.

Agenda items for the meeting are as follows:

1. Report on BLM/USGS elevation surveys and well locations.

2. Wind erosion. Three options are being considered:
(a) a literature search to backup the consensus decision that wind erosion is not significant, (b) small scale tests to determine significance, and (c) a full scale study.

*underway
but little
information
- probably more
off on vehicles*

3. Discussion of wind driven floods of brine is needed to reach a decision. The TRC has identified this as a potentially significant factor leading to salt loss; however, the study methodology may not be the most appropriate and cost effective. For example, Don Buhler suggested using a GPS receiver mounted on an ATV to map ponds.

4. The Pilot Basin analogy needs to be reconsidered. Craig Forster has proposed to do the study. The TRC should consider the need for a hydrologic assessment, and how Mr. Forster's work would meet the USGS data needs. Also, there is a need to discuss whether a resource assessment would be more relevant in light of the exchange proposal.

5. Progress report by Stan Plaisier and Hugh Coltharp on salt replacement tests.
6. Progress report by USGS.
7. Progress report by Steve Brooks on salt crust density.
8. Discussion of ways to verify previous salt crust volume measurements.

The committee will be asked to make decisions on a number of the discussion items. These recommendations will be presented to the Conservation Coalition during the meeting on October 16, 1990.

Enclosed are copies of the comments received since the last meeting. As time permits, we will discuss the various comments. Thank for your efforts. If you have any questions, please contact Steve Brooks at 977-4371.

Sincerely,



Deane H. Zeller
District Manager

cc: Paul Summers, SC-325C
Ted Stephenson, U-942
Lee Case, USGS, WRD
Don Buhler, U-943
Bill Wagner, U-932